

# SYSTEM AND METHOD FOR POWER MANAGEMENT OF AN OPTICAL MOUSE

## ABSTRACT OF THE DISCLOSURE

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A system and method for power management of an optical mouse. A  
mechanical displacement sensor associated with the optical mouse is used to detect  
movement of the optical mouse. When the optical mouse is motionless, a switch within  
the mechanical displacement sensor sets the optical mouse to a standby state. The  
10 standby state conserves power. When motion is detected by the mechanical  
displacement sensor, the switch powers up the optical mouse into its normal mode of  
operation.